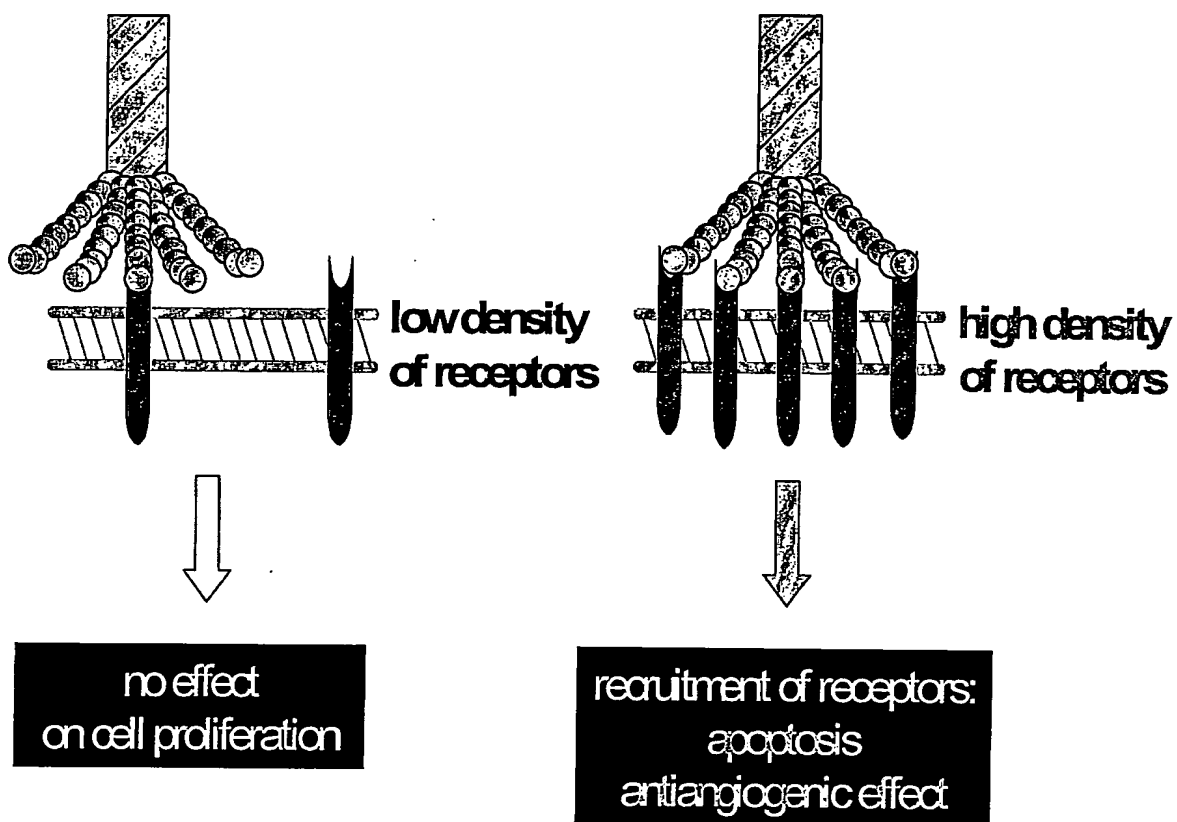


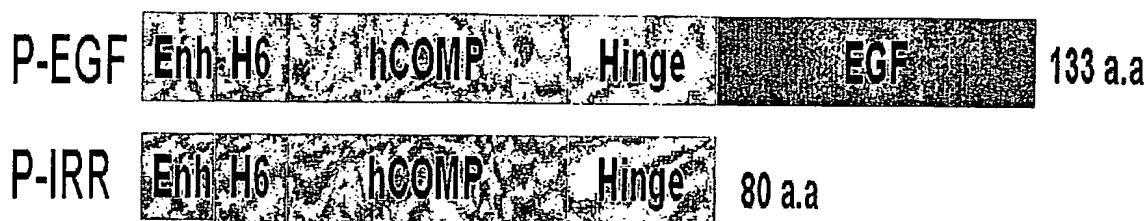
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Figure 1:



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Figure 2:

**Amino acid sequence of peptabody Irrelevant :**

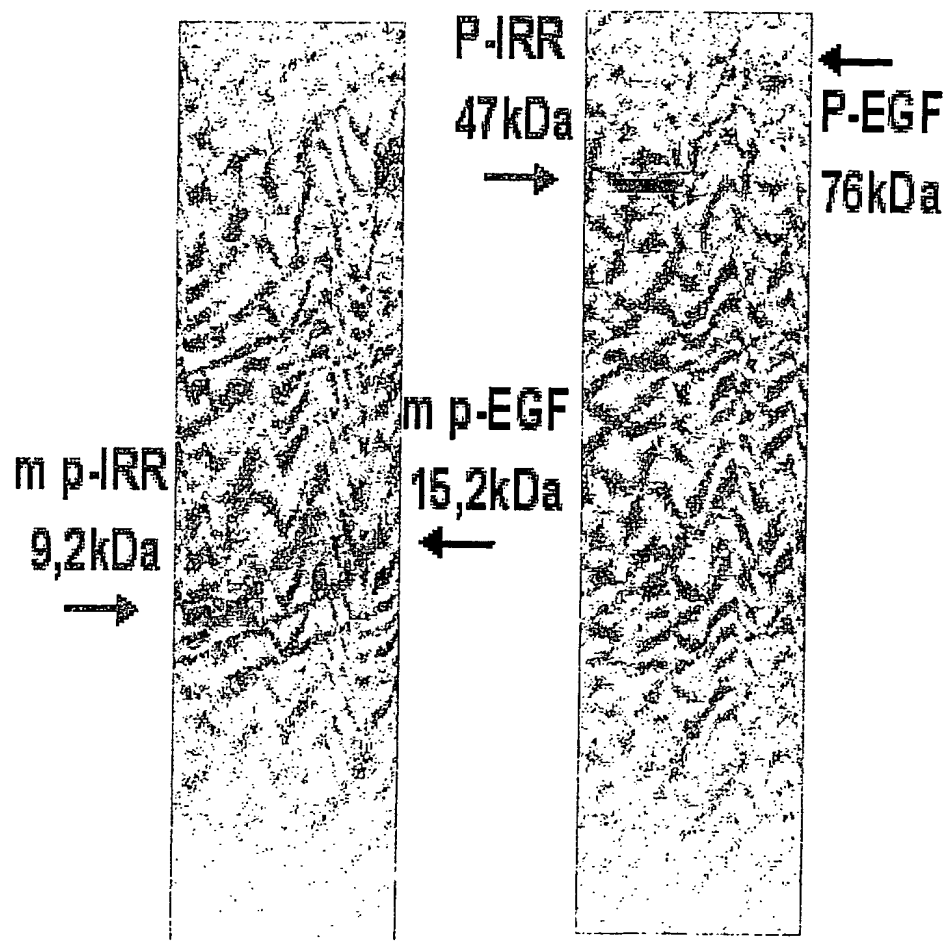
MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRLVREITFLKN
TVMECDACGMQQTSPPTPPTPSPSTPPTPSPRS*

Amino acid sequence of peptabody EGF :

MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRLVREITFLKN
TVMECDACGMQQTSPPTPPTPSPSTPPTPSPRSNSDSECPLSHDGHCLH
DGVCMYIEALDKYACNCVVG YIGERCQYRDLKWWELR*

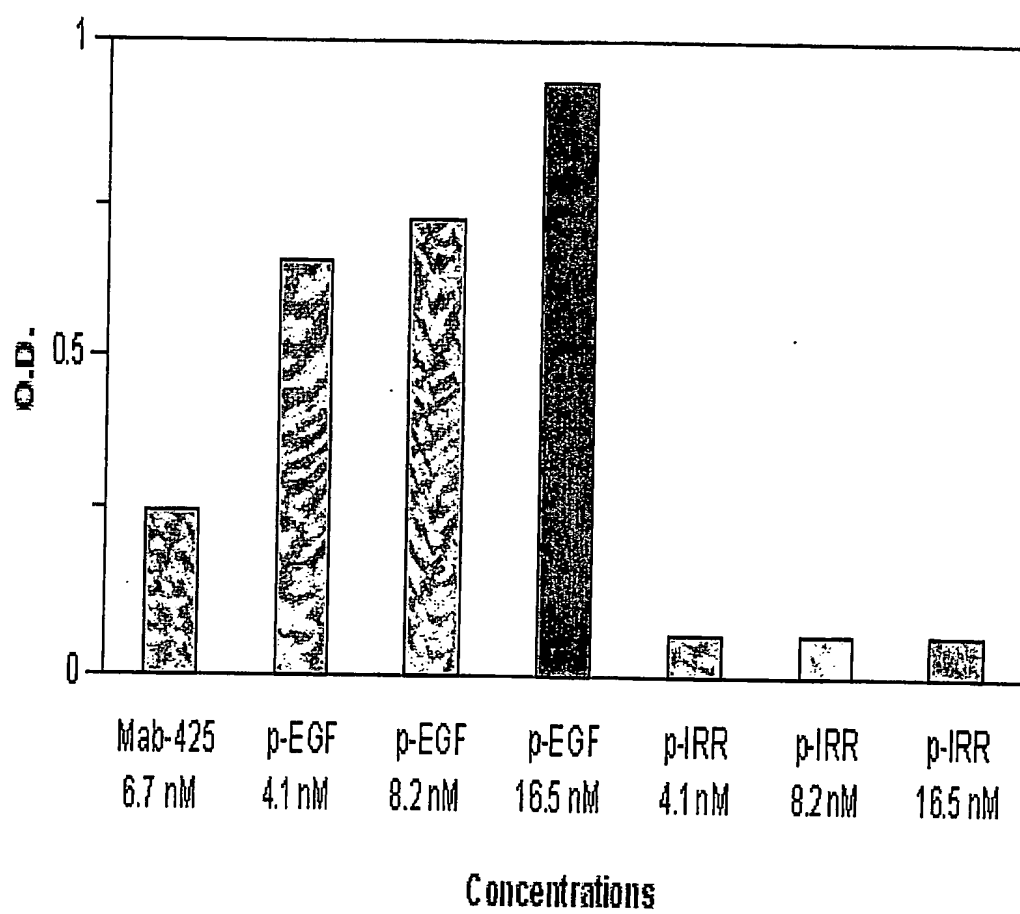
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Figure 3:



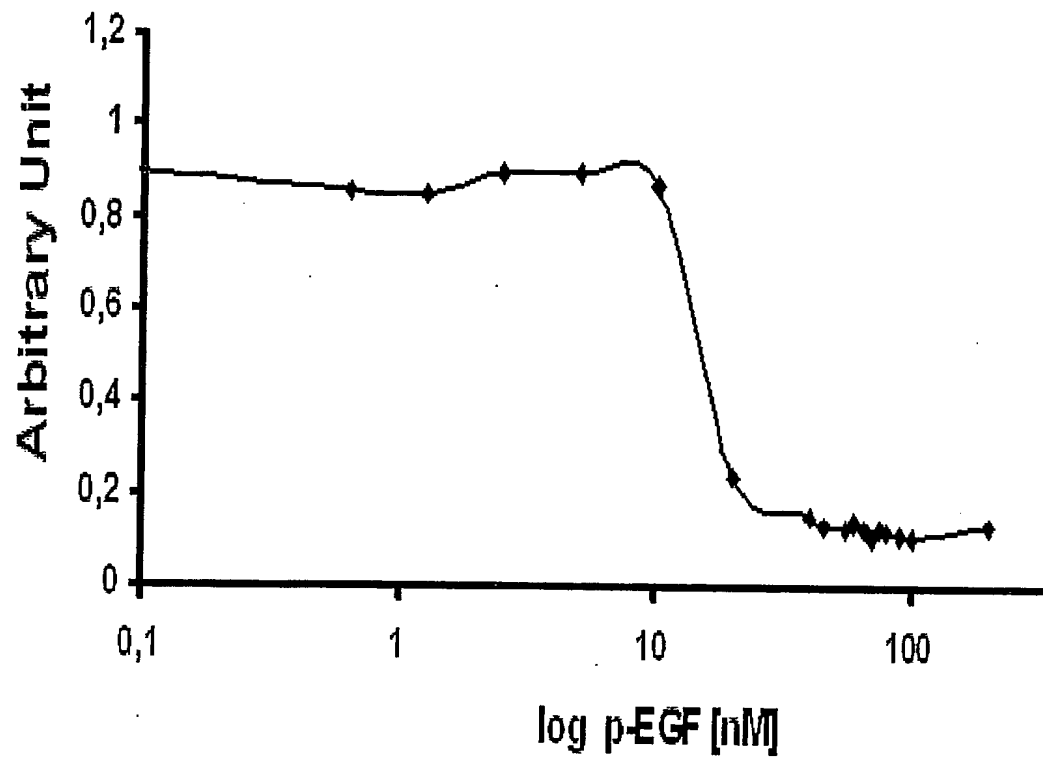
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Figure 4:



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Figure 5:



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Figure 6:

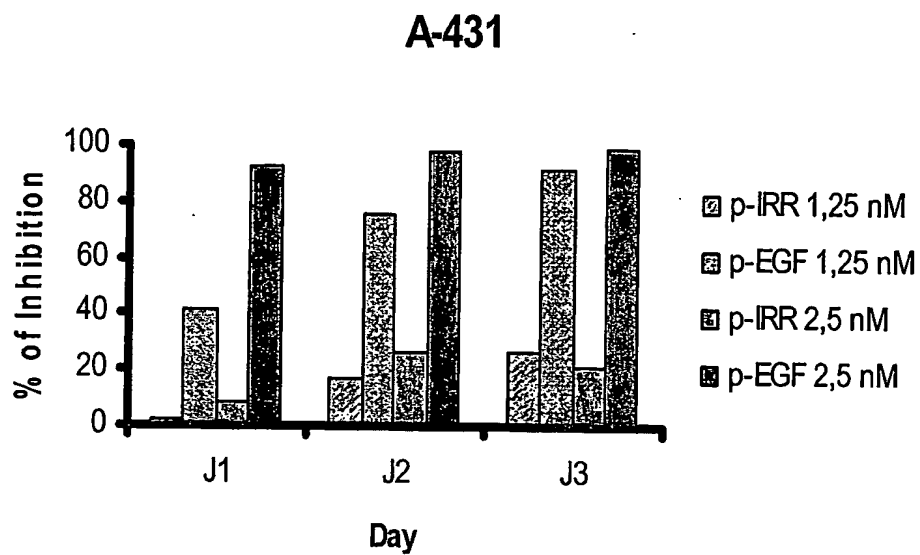
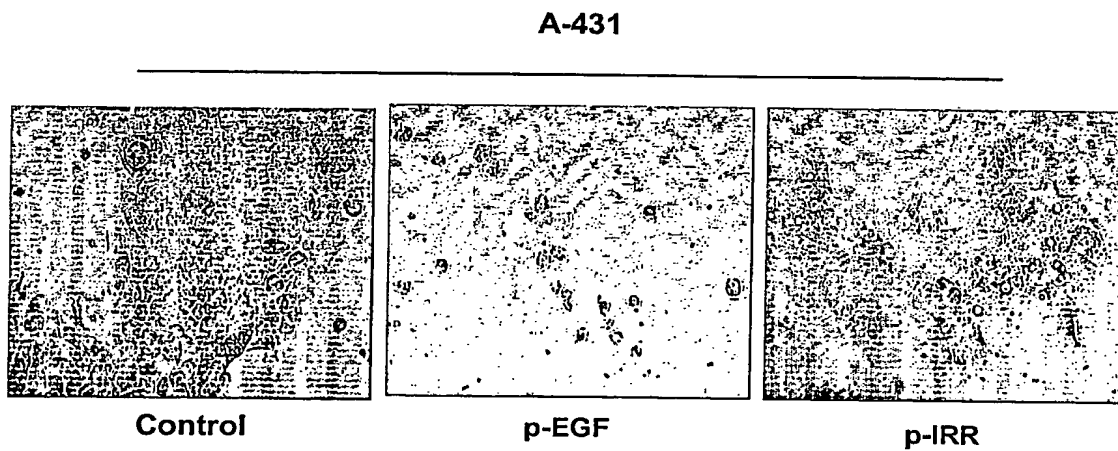


Figure 7:



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Figure 8:

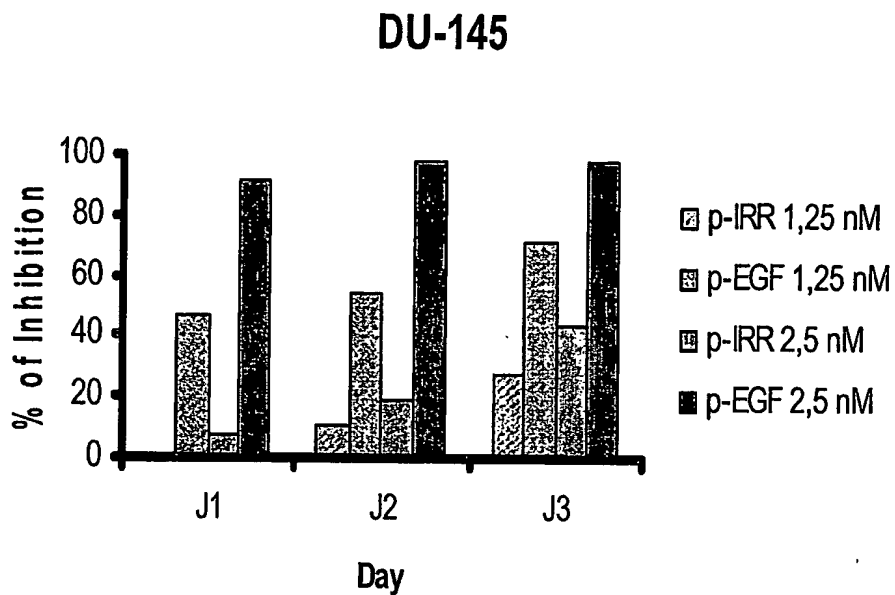
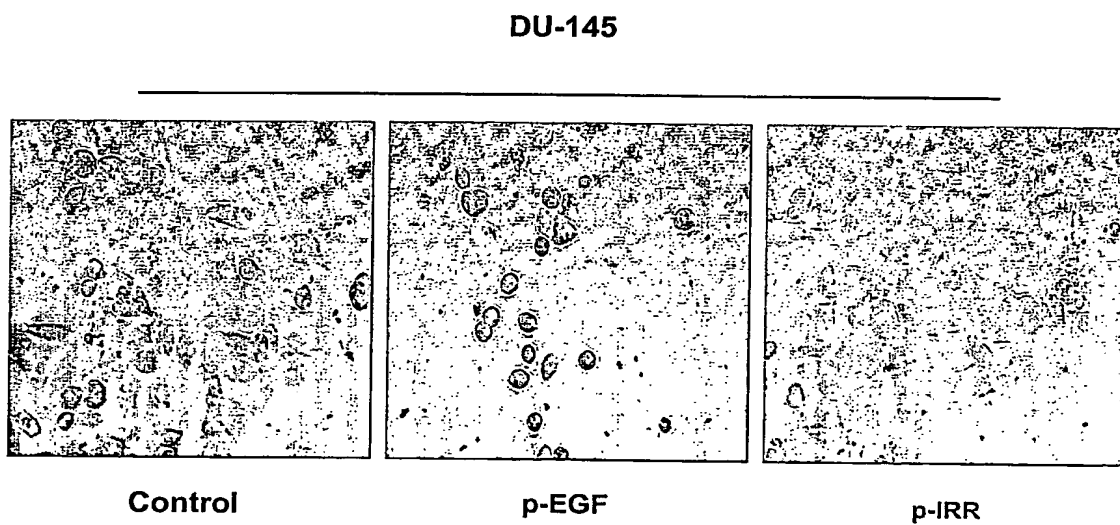


Figure 9:



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Figure 10:

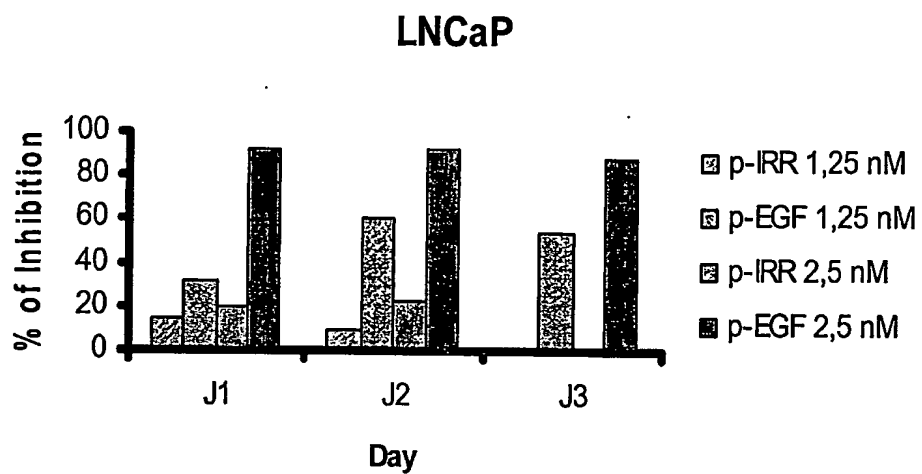
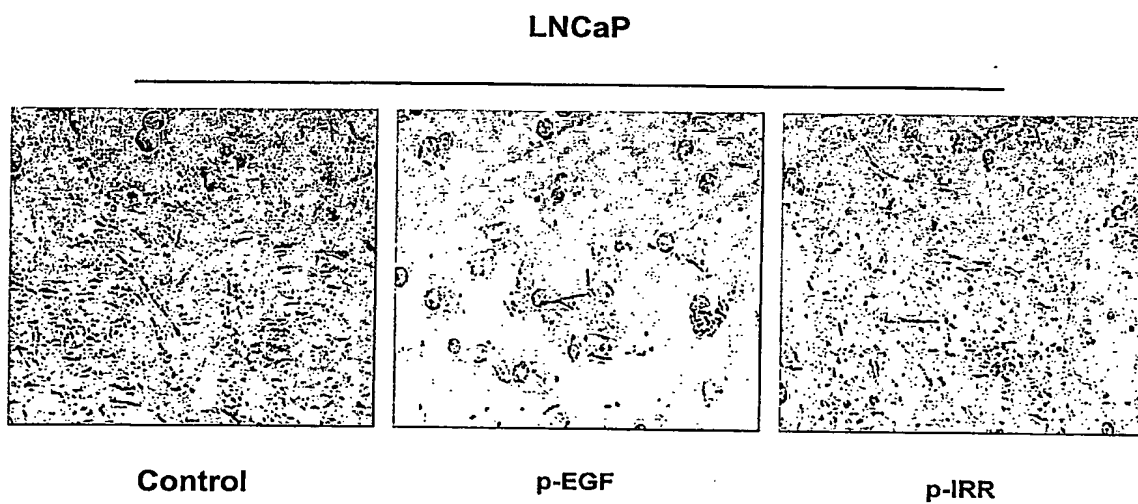


Figure 11:



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Figure 12:

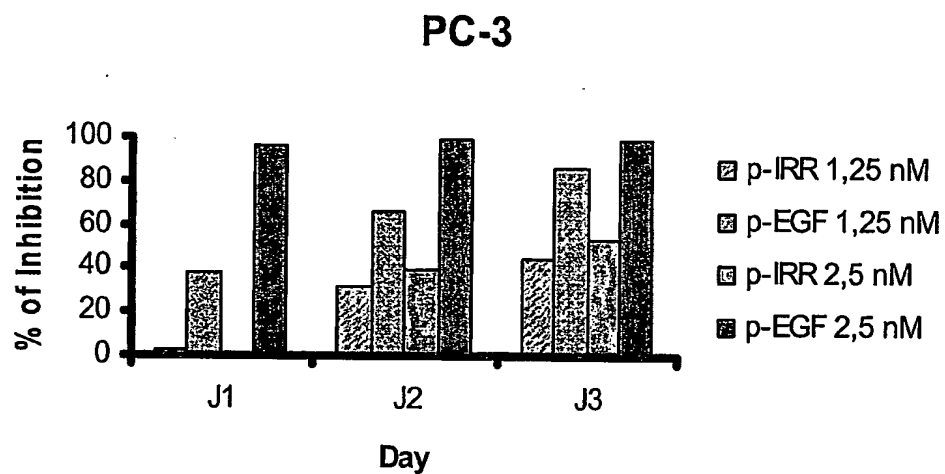
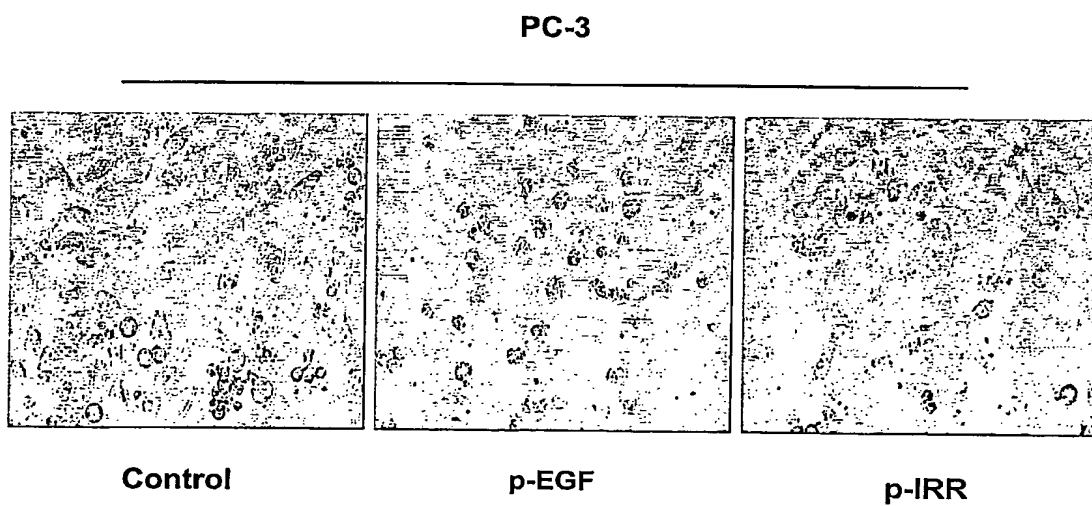


Figure 13:



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Figure 14:

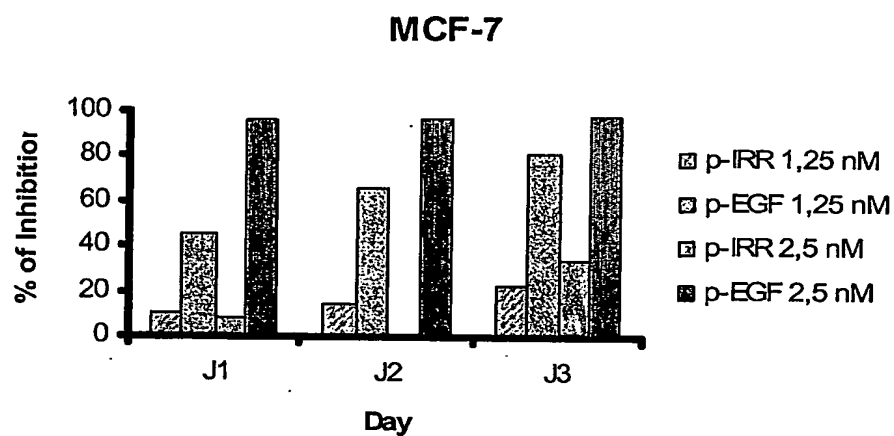
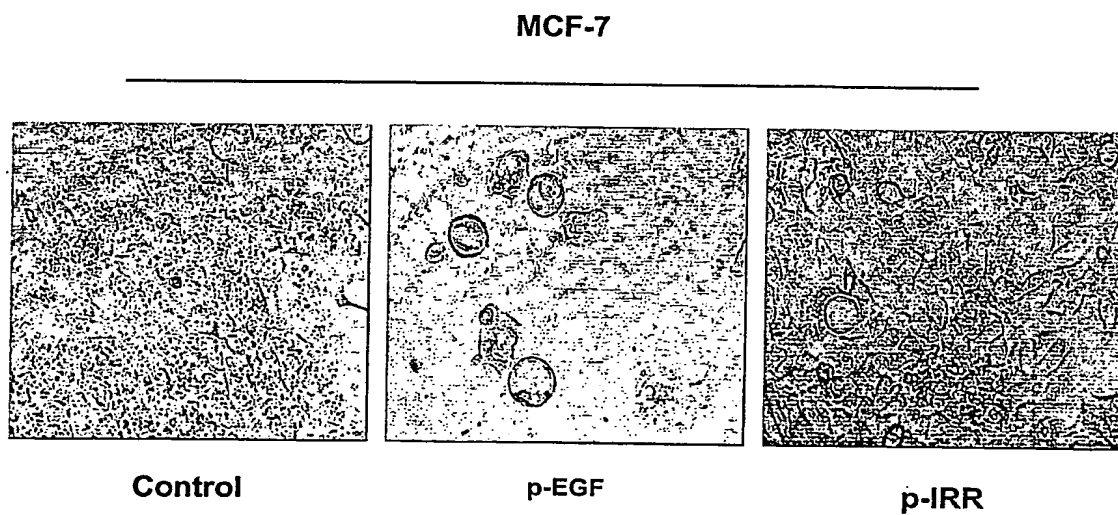


Figure 15:



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Figure 16:

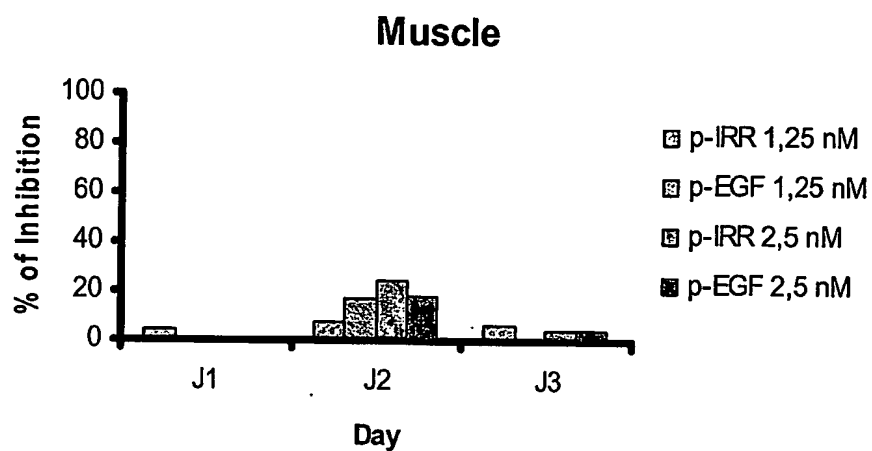
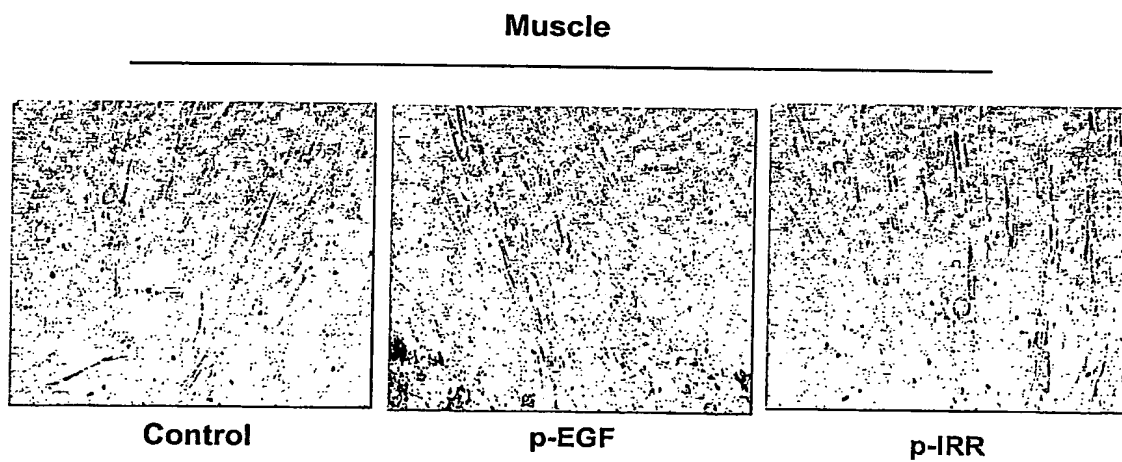
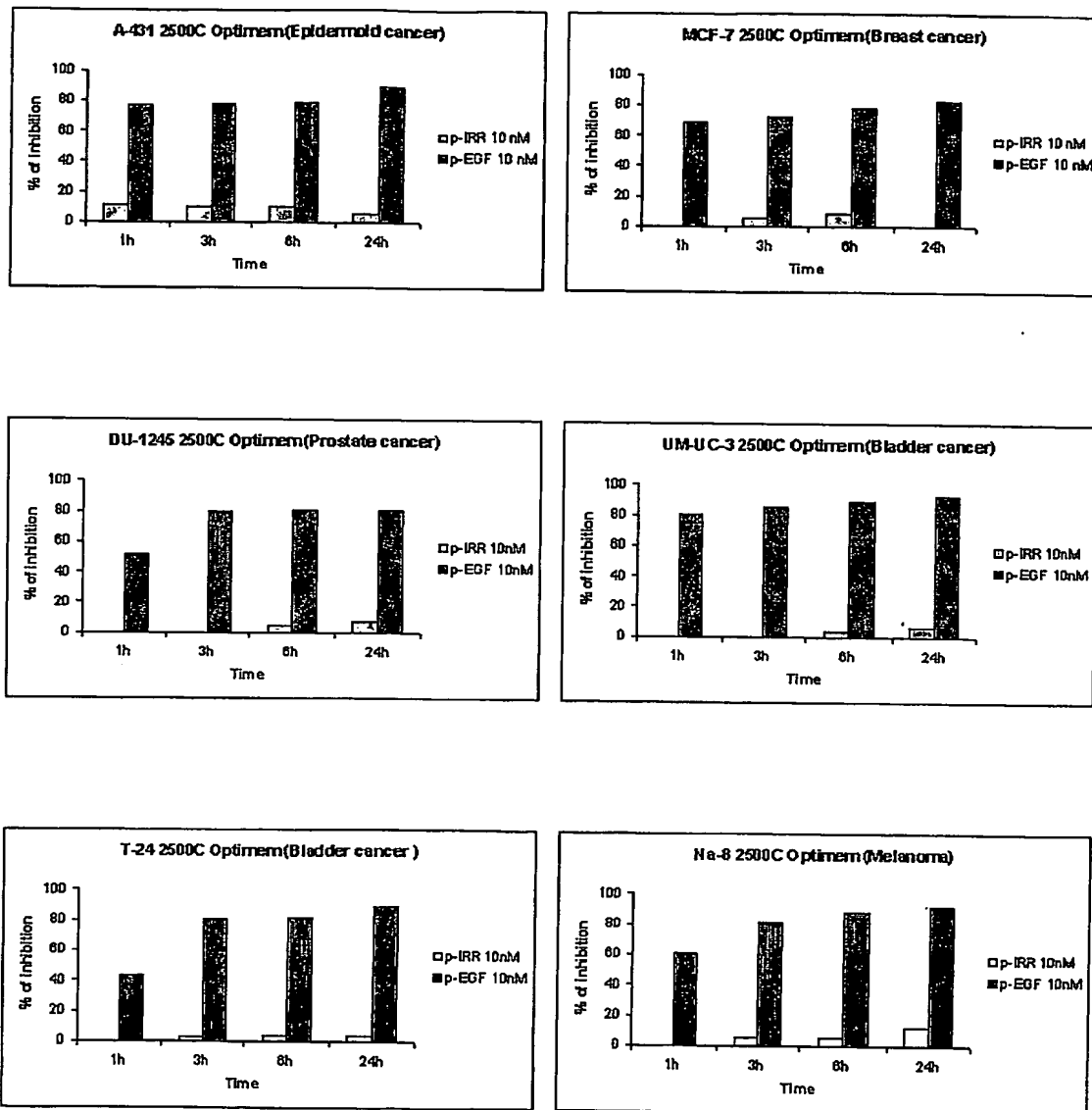


Figure 17:



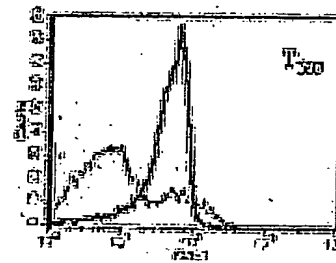
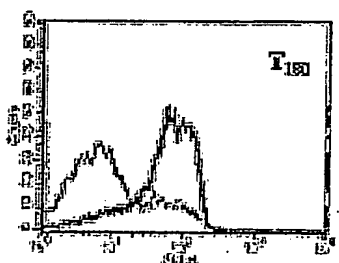
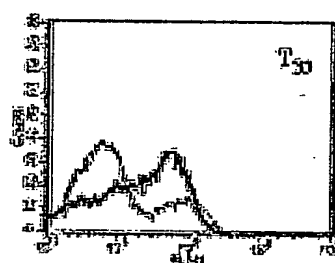
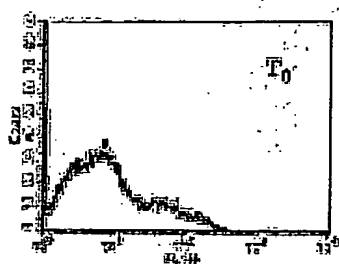
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Figure 18:



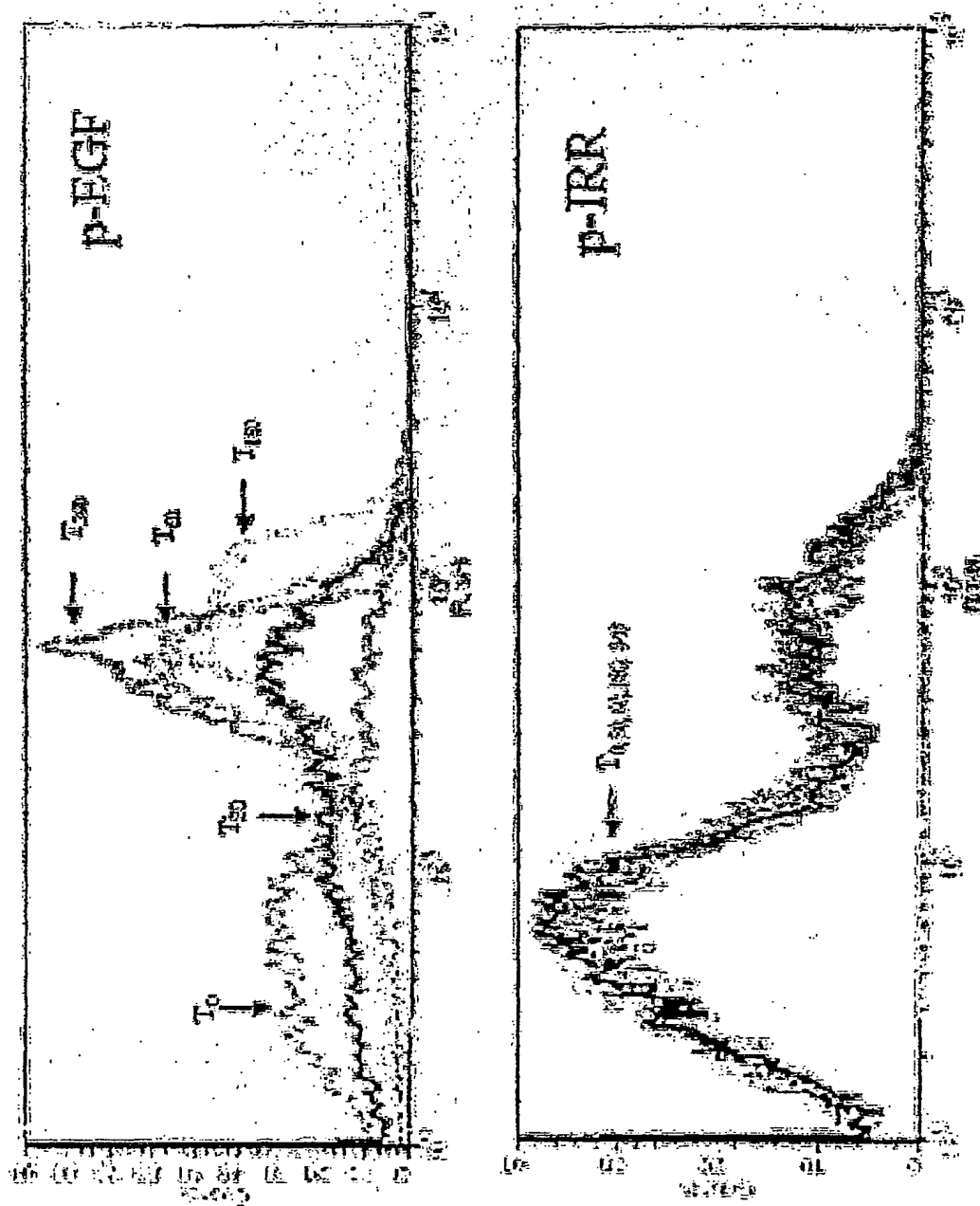
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Figure 19a:



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Figure 19b:



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Figure 20:

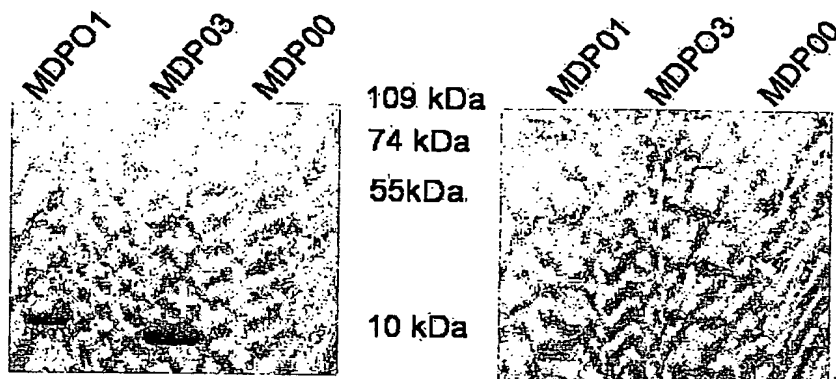
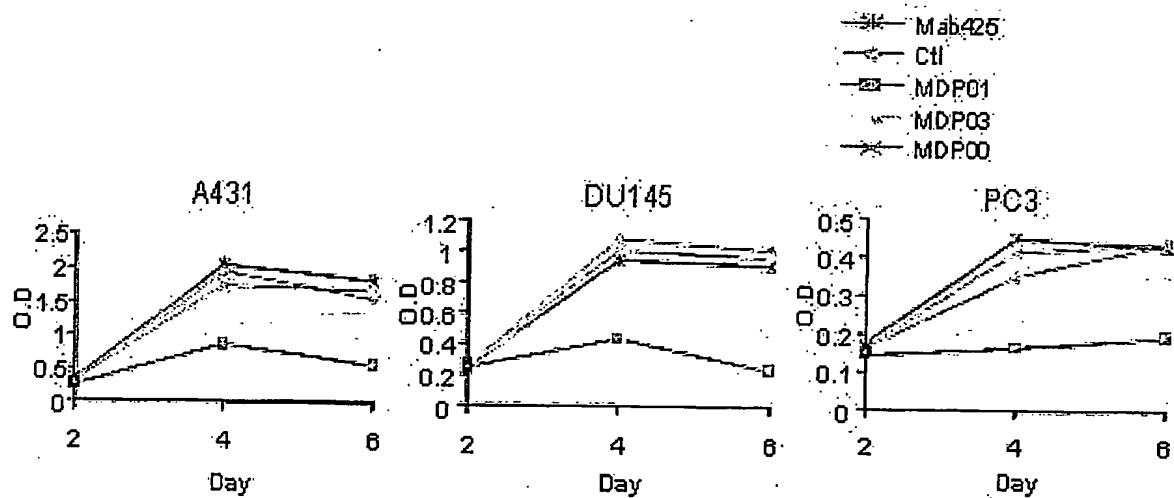


Figure 21:



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Figure 22:**DNA Sequence Irrelevant Peptabody: MDP00**

ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC
CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA
CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC
GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC
GCCAACTCCGTCTCCGAGATCTTAA

Protein Sequence Irrelevant Peptabody: MDP00

MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRQLVREITFLKNTVMECDA
*CGMQQTSPPTPPTPSPSTPPTSPRS**

Figure 23:**DNA Sequence Peptabody EGF: MDP01**

ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC
CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA
CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC
GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC
GCCAACTCCGTCTCCGAGATCCAATTCTGACTCTGAATGCCCATTTGTCTCACGACGG
TTACTGCTTGCACGACGGTGTTTGCAATGTACATCGAAGCTCTGGACAAATACGCT
TGCAACTGCGTTGTTGGTTACATCGGTGAACGTTGCCAATACCGAGATCTGAAAT
GGTGGGAAGTGCCTTAA

Protein Sequence Peptabody EGF: MDP01

MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRQLVREITFLKNTVMECDA
CGMQQTSPPTPPTPSPSTPPTSPRSNSDSECLSHDGYCLHDGVCMYIEALDKYACNC
*VVGYIGERCQYRDLKWWELR**

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Figure 24:**DNA Sequence Peptabody GBP: MDP03**

ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC
CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA
CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC
GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC
GCCAACTCCGTCTCCGAGATCTGAAAACTTTCCGGCGGGCTGCGTGGCGGGCTATA
TGCGTACCCCGGATGGCCGTTGCAAACCGACCTTTTATCAGTAA

Protein Sequence Peptabody GBP : MDP03

MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRLVREITFLKNTVMECDA
*CGMQQTSPPTPPTPSPSTPPTSPRSENFSGGCVAGYMRTPDGRCKPTFYQ**

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Figure 25:

Production of decabodies fused to different Enhancers



Enh0 = -
 Enh1 = YSF
 Enh4 = YSFEDL
 Enh8 = YSFEDLYRR
 7D = peptide STNHNR

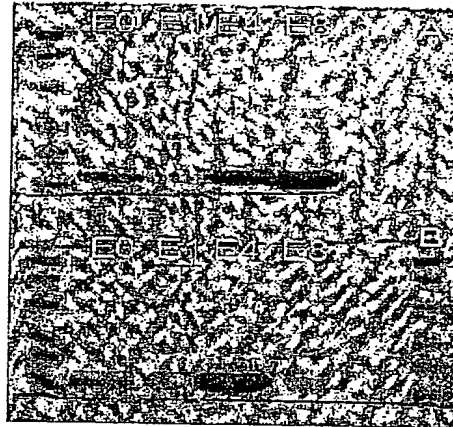
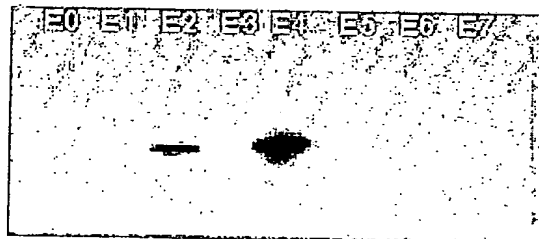


Figure 26:

Production of peptabodies fused to different Enhancers



Enh0 = -
 Enh1 = Y S F
 Enh2 = Y S F E
 Enh3 = Y S F E D
 Enh4 = Y S F E D L
 Enh5 = S F E D L
 Enh6 = F E D L
 Enh7 = E D L



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Figure 27:

